

**To:** Instrella, Ron (ARC-SG)[Bay Area Environmental Research Institute][ron.instrella@nasa.gov]  
**Cc:** CHIRAYATH, VED (ARC-SG)[ved.chirayath@nasa.gov]  
**From:** Gullett, Brian  
**Sent:** Tue 8/16/2016 6:33:58 PM  
**Subject:** RE: Radford visual

We'll have to play it by ear. I'm assuming we'll start at a conservatively high altitude (~200 ft AGL) and see how the UAS behaves as we bring it down into the higher concentrations. Just guessing from the photo, I'd estimate two to three times the height of the telephone pole.

**From:** Instrella, Ron (ARC-SG)[Bay Area Environmental Research Institute]  
[mailto:ron.instrella@nasa.gov]  
**Sent:** Tuesday, August 16, 2016 2:30 PM  
**To:** Gullett, Brian <Gullett.Brian@epa.gov>  
**Cc:** CHIRAYATH, VED (ARC-SG) <ved.chirayath@nasa.gov>  
**Subject:** Re: Radford visual

Hi Brian,

Thanks for the photo. Do you have an idea of hovering flight altitudes above the plume?

-Ron

--

Ronald Instrella

Research Engineer

Laboratory for Advanced Sensing

NASA Ames Research Center

(650) 604 0939 (w)

[ron.instrella@nasa.gov](mailto:ron.instrella@nasa.gov)

On Aug 16, 2016, at 11:22 AM, Gullett, Brian <[Gullett.Brian@epa.gov](mailto:Gullett.Brian@epa.gov)> wrote:

Ron, Ved,

I'm sending you this photo of a Radford burn. Please don't distribute, however. I've also seen a burn there and this photo seems fairly representative. Not that the photo shows no wind...

Thanks,

Brian

<Burn photo at Radford cropped.docx>